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| <b>Notice of Allowability</b> | <b>Application No.</b> | <b>Applicant(s)</b>      |  |
|                               | 10/666,943             | KIPFELSBERGER, ALEXANDER |  |
|                               | <b>Examiner</b>        | <b>Art Unit</b>          |  |
|                               | Alvin J. Grant         | 3723                     |  |

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/18/05.
2. ☒ The allowed claim(s) is/are 20-36.
3. ☒ The drawings filed on 19 September 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jaudon on 7 July 2005.

The application has been amended as follows:

- Claim 20, line 9 (on page 2 of 10), "circuit comprises;" has been changed to read, "circuit comprises:".
- Claim 20, line 14 (on page 3 of 10), "flowback oil line" has been changed to read, "oil backflow line".
- Claim 28, line 1 (on page 5 of 10), "point said working stroke" has been changed to read, "point and said working stroke".

2. The following is an examiner's statement of reasons for allowance: a hydraulic ratchet wrench having a double-action hydraulic cylinder with a piston that is displaceable in the hydraulic cylinder, a piston rod actuating the ratchet, a working stroke chamber in the hydraulic cylinder having a high-pressure chamber on one piston side and a low-pressure return stroke chamber on the other piston side with the piston rod, a hydraulic pump arrangement with a gear pump and a piston pump connected via hydraulic controls to the working stroke chamber and the return stroke chamber to drive the wrench in alternating work strokes, wherein the circuit comprises: a gear pump

connected to the working stroke chamber by a working stroke oil line and connected by a return stroke oil line to the return stroke chamber; the working stroke oil line connected to an oil reservoir by a first suction port ; the return stroke oil line connected to the oil reservoir by a second suction port; an oil backflow line connected to the working stroke oil line and the oil reservoir, and a blocking valve arranged in the backflow line to selectively deliver an oil flow from the working stroke oil line; the piston pump connected to the oil reservoir by a piston pump suction line and to the working stroke chamber by the working stroke oil line to the return chamber; a working stroke flow valve arrangement in communication with the working stroke oil line to direct a flow of working oil to the work stroke chamber during the work stroke; a return stroke flow valve arrangement in communication with the working stroke oil line and the oil backflow line to direct a flow of oil back to the oil reservoir during the return stroke; and the working stroke and return stroke valve arrangements operating automatically in response to flow conditions in one or more of the working stroke oil line, return stroke oil line, and backflow oil line caused by operating the gear pump in opposite directions, together with the rest of the limitations set forth in the independent claim.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

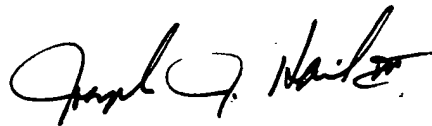
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alvin J. Grant whose telephone number is (571) 272-4484. The examiner can normally be reached on Mon-Fri 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph J. Hail can be reached on (571) 272-4485. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Alvin J Grant  
Patent Examiner  
Art Unit 3723

ajg

A handwritten signature in black ink, appearing to read "Joseph J. Hail, III".

Joseph J. Hail, III  
Supervisory Patent Examiner  
Technology Center 3700